PE456USL

Short-Throw for Small Spaces & Minimal Shadowing

laser light source

Reliable laser projector with unique short-throw lens fits in tight spaces and significantly reduces shadows on the screen

Powerful Performance

4K UHD READY

- After startup images appear immediately with breakthrough laser technology
- Brightness adjustment maximizes laser life and allows for a consistent looking image over an extended period of time
- High performance video processing/scaling supports 4K/30 content
- Integrated software support for Crestron Roomview, AMX Beacon, PJ Link control systems

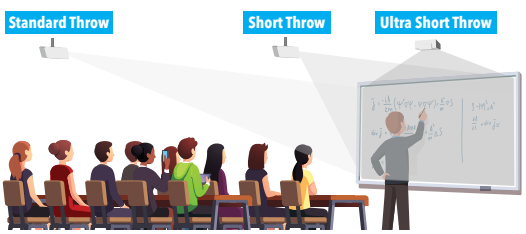
More Flexible Installations

- Short-throw lens allows the projector to be placed closer to the projection surface which saves space and minimizes shadow
- Tilt-free installation capabilities make these projectors ideal for almost any install environment, including portrait orientation

Advanced Installation Features

Short Throw Lens

Create a large image from a short distance to save space and minimize shadow.

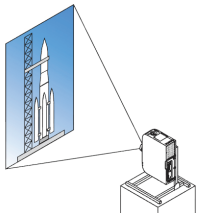


Tilt-free

The projector can be rotated freely (360°) to orient the image depending on the installation requirements.

Portrait mode

Allows the projector to be rotated (and screen if necessary) to a vertical alignment so that portrait content can be viewed without black bars on the side when landscape mode is used.



MultiPresenter

MultiPresenter is application software that lets you display your device's screen (PC, tablet, smart phone, etc.) on the receiver projectors via wired or wireless LAN. MultiPresenter is free and available on Windows, Mac, iOS, and Android. MultiPresenter can send images from your various devices, which enables you to display real-time images with the internal camera or web pages on the smart devices in combination with a file sharing application.

MultiPresenter™

NaViSet Administrator 2

This software is an all-in-one remote support solution that runs from a central location and provides monitoring, asset management and control functionality for a majority of NEC display devices and Windows computers. It is ideal for multi-device installations over larger infrastructures.

NaViSet
Administrator 2

UNIQUE FEATURES

Advanced AccuBlend™ ensures detailed images when non-native resolution sources are connected to the projector

Remote diagnostics enable the user to monitor and make adjustments to the projector remotely

Built-in HTTP page for control and monitoring over a LAN network. Email notification of error messages or lamp end-of-life can be sent to remote locations.

WARRANTY

Five (5) years warranty

SHIPS WITH

Remote control, batteries, power cord, user's manual on CD-ROM, quick start guide, product registration card.

ACCESSORIES

NP05LM1	Wireless LAN Module
RMT-PJ39	Replacement remote control

ORDERING MODEL NUMBERS

NP-PE456USL

		PE456USL
Display Technology		0.64" LCD
Light Output (lumens)	Center	4,800
	ECO mode OFF	4,500
	ECO1 mode	Approximately 60%
	ECO2 mode	Approximately 50%
Resolution	Native	WUXGA 1920 x 1200
	Maximum	Up to 4K@30 (HDMI), WUXGA (1920x1200) Analog
Contrast Ratio (up to)		3,000,000:1
Laser Life (50%)	ECO mode OFF	20,000 hours
	ECO2 mode	30,000 hours
Screen Size (diagonal)		55 - 130 in. / 1.4 - 3.3m
Projection Distance		1.7 to 4.16 ft. / 0.517 to 1.268m
Projection Angle		34.5° (at 80")
Lens	Throw Ratio	0.44:1
	Focus	Manual
	F-number, focal length	F:1.6 /f=6.39mm
Keystone Correction		+/- 15° horizontal (manual), +/- 15° vertical (manual + auto)
Synchronization Range	Horizontal	15-100kHz (RGB: 24kHz or over)
	Vertical	24-85Hz
SD/HD Video Signal Compatibility		480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 4K UHD
PC Signal Compatibility		VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA
Macintosh Compatibility		Yes
Input Terminals	RGB1 (analog)	VGA 15-pin D-sub
	RGB2 (digital)	HDMI w/ HDCP (v1.4b)
	RGB3 (digital)	HDMI w/ HDCP (v1.4b)
	Audio In	Stereo Mini Jack
Output Terminals	Monitor Out	VGA 15pin D-sub
	Audio Out	Stereo Mini Jack
Wired LAN port		RJ45 (100Base-TX/10Base-T)
USB	Type A	Wireless LAN (optional), Memory, (2.0A)
	Type B	Service
External Control		RS-232 (D-Sub 9pin), IR, LAN
Built-in Speaker		16W
Power Requirements		100-240V AC, 50/60 Hz
Input Current		4.5-1.6A
Power Consumption	ECO mode OFF	352W
	ECO1 mode	228W
	ECO2 mode	201W
	Standby (network)	2.0W or less
	Standby (normal)	0.5W or less
Installation Orientation		Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear
Product Dimensions (WxHxD)		405 x 164 x 404 mm
Net Weight		8.1 kg
Shipping Dimensions (WxHxD)		510 x 260 x 500 mm
Gross Weight		10.1 kg
Fan Noise		37dB (ECO mode Off), 27dB (ECO mode)
Regulations		USA: UL (UL60950-1/UL62368-1) FCC Part15 Class B, Canada: CAN/CSA (62368-1-14) ICES-003 Issue 6
Operating Temperature		0-40°C
Storage		-10-50°C
Humidity		20 to 88% Humidity (Non-Condensing)

CRESTRON connected AMX

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